

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

with regularly spaced parallel oblique strokes. Fig(s)  Black ink. Color. Not black solid lines. Fig(s) Color drawings are not acceptable until petition is granted. Fig(s) Photographs are not acceptable until petition is granted. Fig(s) Photographs are not acceptable until petition is granted. Fig(s) Photographs are not acceptable until petition is granted. Fig(s) Report quality (half-tone). Fig(s) GrapHIC FORMS. 37 CFR 1.84 (d) Chemical or mathematical formula not labeled as separate figure. Fig(s) Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s) Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s) Erasures, alterations, overwritings, interlineations, cracks, creases, and folds every machine marks not acceptable (too thin). Fig(s) Mylar, selum paper is not acceptable (too thin). Fig(s) 21.6 cm by 33.1 cm. (8 1/2 by 13 inches) 21.6 cm by 33.1 cm. (8 1/2 by 13 inches)  Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) SCALE. 17 CFR 1.84(k) Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) Indication such as "actual size" or scale 1/2" not permitted. Fig(s) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings). Fig(s). Shade lines, pale, rough and blurred. Fig(s) Numbers and reterince pharacters not greated in same direction as the view. 37 CFR 1.84(p) Fig(s) Numbers and reterince pharacters not greated in same direction as the view. 37 CFR 1.84(p) Fig(s) Fi	71171	
Black ink. Color.  Not black sold lines. Figts) Color drawings are not acceptable until petition is granted. Figts) PHOTOGRAPHS. 37 CFR 1.84(b) Photographic double-weight paper). Figts) Photographic double-weight paper. Figts) Photographic double-weight paper. Figts) Photographic double-weight paper. Figts) Photographic double-weight paper. Figts) Por quality thalf-tone. Figts) Individuals waveforms not prevented as a single figure, using common vertical axis with time extending along horizontal axis. Figts). Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Figts) Individuals waveform in dentified with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in acceptable grant many through the vertical axis. Figts). Individuals waveform in acceptable with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in acceptable with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in acceptable with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in admitted with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in admitted with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in admitted with a separate letter designation adjacent to the vertical axis. Figts). Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted with a separate figure. Figts) Individuals waveform in admitted figure with a many figure with interest and the figure with figure with a many figure with figure with a	not objected to by the Draftsperson under \$7 CFR 1.84 or 1.152.  b) bjected to by the Draftsperson under \$7 CFR 1.84 or 1.152 as ndicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.	Fig(s)  Sectional views 37 CFR 1 84 (h) 3  Hatching not indicated for sectional portions of an object.  Fig(s)  Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s)
2. PHOTOGRAPHS. 37 CFR 1.84(a) Photographic double-weight paper). Fig(s) Photographic double-weight paper). Fig(s) Photographic double-weight paper). Fig(s) Reprotographic follows: Fig(s) RAPHIC FORMS. 37 CFR 1.84(d) Chemical or mathematical formula not labeled as separate figure. Fig(s) Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s) Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s) Paper not flexible, strong, white, smooth, non-phiny, and durable Sheet(s) Erasures, alterations, overwritings, interlineations, cracks, creases, and folds (tops mothem enaks not accepted Fig(s) SISTE OF PAPER 37 CFR 1.84(f). Acceptable states. 21.6 cm by 33.1 cm (8.12 by 13 inches) 21.6 cm by 33.1 cm (8.12 by 13 inches) 21.6 cm by 23.7 cm (8.12	Black ink. Color.  Not black solid lines. Fig(s) Color drawings are not acceptable until petition is granted.	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right
3. GRAPHIC FORMS 37 CFR 1.84 (d)  Chemical or mathematical formula not labeled as separate figure.  Fig(s)  Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis.  Fig(s)  Individuals waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s)  Paper not flexible, strong, white, smooth, nonshiny, and durable Sheet(s)  Figsures, alterations, overwritings, intertineations, cracks, creases, and fields are marks not accepted. Figsures and fields are marks not accepted by figures and fields are marks not accepted. Figsures and fields are marks not accepted for color drawings). SIZE OF PAPER. 37 CFR 1.84(p). Acceptable sizes. Sheet(s)  21.6 cm by 33.6 cm (8.12 by 13 inches)  21.6 cm by 33.7 cm (18 Mark). Acceptable sizes. Sheet(s)  Drawing sheet not an acceptable wize. Sheet(s)  Drawing sheet not an acceptable margins.  Figures.  Paper size.  Alternative of the size of the s	Photographs are not acceptable until petition is granted.     Fig(s)     Photographs not properly mounted (must use brystol board or photographic double-weight paper). Fig(s)	Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.  Fig(s)
4. TYPE OF PAPER 37 CFR 184(c)  Paper not flexible, strong, white, smooth, nonshiny, and durable. Sheet(s)  Erasures, alterations, overwritings, interlineations, cracks, crease, and fide copy mechanism marks not accepted. Figes)  Mylar, selum paper is not acceptable (too thin). Figes  Mylar, selum paper is not acceptable (too thin). Figes  SIFE OF PAPER 37 CFR 184(f). Acceptable sizes  21.6 cm by 33.1 cm. (8 1/2 by 13 inches)  21.6 cm by 33.1 cm. (8 1/2 by 13 inches)  21.6 cm by 33.1 cm. (8 1/2 by 13 inches)  21.6 cm by 33.7 CFR 184(g). Acceptable margins  Drawing sheets not an acceptable size. Sheet(s)  MARGINS. 37 CFR 184(g). Acceptable margins  Eaper size  Paper size  13 LEAD TINES. 37 CFR 184(g). Acceptable margins  Eaper size  14 St. m 24	3. GRAPHIC FORMS. 37 CFR 1.84 (d)  Chemical or mathematical formula not labeled as separate figure.  Fig(s)  Group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis.  Fig(s)  Individuals waveform not identified with a separate letter.	1.84(1)  Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (except for color drawings).  Fig(s)  11. SHADING 37 CFR 1.84(m)  Solid black shading areas not permitted.
Mylar, selum paper is not acceptable (too thin), rigids)  5. SIZE OF PAPER, 37 CFR 1 84(f): Acceptable sizes: 21.6 cm by 35.6 cm (8 µ2 by 14 inches) 21.6 cm, by 35.6 cm (8 µ2 by 14 inches) 21.6 cm, by 37.0 cm, (8 µ2 by 11 inches) 21.0 cm, by 29.7 cm, (10 lN size A4) All drawing sheets not the same size. Sheet(s) Drawing sheets not an acceptable size. Sheet(s) Drawing sheets not an acceptable size. Sheet(s) MARGINS, 37 CFR 1.84(g): Acceptable margins:    Eaper size	4. TYPE OF PAPER. 37 CFR 1.84(c)  Paper not flexible, strong, white, smooth, nonshiny, and durable.  Sheet(s)  Erasures, alterations, overwritings, interlineations, cracks, creases.	Shade lines, pale, rough and blurred. Fig(s)
Paper size   Lead lines cross each other. Fig.(s)   Lead lines cross each other. Fig.(s)   Lead lines missing. Fig.(s)	Mylar, velum paper is not acceptable (too thin). Fig(s)  5. SIZE OF PAPER. 37 CFR 1 84(f): Acceptable sizes: 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches) 21.6 cm. by 27.9 cm. (8 1/2 by 13 inches) 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches) 21.0 cm. by 29.7 cm. (DIN size A4) All drawing sheets not the satue size. Sheet(s) Drawing sheet not an acceptable size. Sheet(s)	1.84(p)(1) Fig(s)  Numbers and reference pharacters not operated in same direction as the view. 37 CFR 1.84(p)(1) Fig(s)  Fig(s)  Numbers, letters, and reference characters do not measure at least 32 cm. 1473 (pch) in height. 37 CFR(p)(3)  Fig(s)
216 cm X 387 cm 216 cm X 334 cm 23 6 cm X 239 cm 21 1 cm X 297 cm CR12 X 14 inches (812 X 13 inches) (		
** VIEWS 37-TR 1844.  RI MINDER Specification may require revision to correspond to drawing changes.  All views not trouped treather. Figs.s.  Views connected by projection lines or lead lines.  Partial news. 37 CER 184.9-2.  16 CORRECTIONS 37 CER 184.4.  Corrections not inade from prior P10 948.  Section 184.4.  Correction 18	(AL2 X 14 inches) (B (2 X 13 inches) (B12 X 11 inches) (DIN Size A4)  T \$ 1 \text{cm} (2) = 2 \text{cm} (1) = 2 \text{cm} (1) = 7 \text{Size}  T \$ 61 \text{cm} (1) = 4 \text{cd} (1) \text{cd} (1) = 4 \text{cm} (1) = 2 \text{cm}  R \$ 64 \text{cm} (1) = 64 \text{cm} (1) = 64 \text{cm} (1) = 1 \text{Size}  R \$ 64 \text{cm} (1) = 64 \text{cm} (1) = 64 \text{cm} (1) = 1 \text{Size}  Margins do not conform to chart above.  Sheetes	14 NUMBERING OF SHFETS OF DRAWINGS, 37 CFR 1 84(t) Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheetess.  15 NUMBER OF VIEWS 37 CFR 1 84(n) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Digest View numbers not preceded by the abbreviation Fig.
*** VIEW \$2.7 EE (\$3.1)**  RI MINDER Specification may require revision to correspond to draw in changes  Afficiency not mode to proper the Ergest Consumer of the Construction of the Con	Top I Lettel - Right Re Bottom B.	
COMMENIS	RI MINDER—specification may require revision to correspond to drawing changes.  All views not grouped together. Fig83.  Views connected by projection (mes or lead lines Eggs).	Corrections not made from prior PTO 948.  There  TO 94 from DRAWING TOFR 1282  Southern stand by shown not appropriate. These should black shading notoused for color contrast.
	COMMENTS	- <del>19</del>

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